

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/585,880
Source: FWP
Date Processed by STIC: 7/20/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	SERIAL NUMBER: <u>10/585,880</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 ___ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input checked="" type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 ___ Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters , instead.	
4 ___ Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 ___ Variable Length	Sequence(s) ___ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 ___ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 ___ Skipped Sequences (OLD RULES)	Sequence(s) ___ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 ___ Skipped Sequences (NEW RULES)	Sequence(s) ___ missing. If intentional , please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 ___ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa , and which residue n or Xaa represents.	
10 ___ Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence. (see item 11 below)	
11 ___ Use of <220>	Sequence(s) ___ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules	
12 ___ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 ___ Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/585,880

DATE: 07/20/2006

TIME: 08:35:27

Input Set : A:\Q95704 sequence listing as filed.TXT

Output Set : N:\CRF4\07202006\J585880.raw

*see item 2
on Error Summary
Sheet*

3 <110> APPLICANT: CHONNAM NATIONAL UNIVERSITY et al.

5 <120> TITLE OF INVENTION: MUCOSAL VACCINE ADJUVANTS CONTAINING BACTERIAL FLAGELLINS AS

AN

6 ACTIVE COMPONENT

8 <130> FILE REFERENCE: Q95704

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/585,880

C--> 10 <141> CURRENT FILING DATE: 2006-07-11

10 <150> PRIOR APPLICATION NUMBER: KR 10-2004-0001974

11 <151> PRIOR FILING DATE: 2004-01-12

13 <160> NUMBER OF SEQ ID NOS: 18

15 <170> SOFTWARE: KopatentIn 1.71

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 1131

19 <212> TYPE: DNA

20 <213> ORGANISM: Vibrio vulnificus

22 <400> SEQUENCE: 1

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 25 gccgctgaag gtcaacaaaa atcaatggag cgtttgtctt cgggctataa aatcaatagc
 27 gcgaaagatg atgctgcagg tctacaaatt tctaaccgtt tgaactcgca aagccgtggg
 29 ctgcacatgg cgggttaaaaa tgccaacgat ggtatctcta ttgcacagac tgetgaagg
 31 gcaatgacag agaccaccaa catcctacaa cgtatgcgtg accttgcctt gcaatcgtct
 33 aacgggttcga actctcgttc tgaacgcgtg gcgattcaag aagaagtgtc agcgttgaac
 35 caagaactta accgtatcgc agagacaacc tcttttggtg gtaacaaact ccttaacggg
 37 acgtacgggt ctcaatcttt ccaaatcggg gctgactctg gtgaagctgt gatgctttct
 39 atgggtaacc ttcggttcga tacagacgcg atgggcggtg tgagctacaa atctgaagaa
 41 ggcgtaggcg cagattggcg tgtaagcgac aacactgact tcacgatgtc ttatgtgaat
 43 aagcaagggtg aagaaaaaga gatcacagtc aacgccaaag cgggtgacga tcttgaagaa
 45 ctggcgactt acatcaacgg tcaaaacgat gatgtgaaag cgtcggtcgg tgaaggcggc
 47 aaactgcagc tattcgcttc taaccaacgt gtagaagggt aagtggaatt cgggtggtgg
 49 ctagcgtctg agttgaacat tggatgatgg accaaaacca atgtgagcaa cattgatgtc
 51 acgacggttg ctggctctca agaagcagta gcgatcattg atggcgcat gaaatcggta
 53 gacagtgagc gtgcctctct aggtgcattc caaaaccgtt tcaaccatgc aatcagcaac
 55 ctaagcaaca tcaatgagaa cgtaaaccgt tcgagcagcc gtatcaagga taccgactac
 57 gcgaaagaaa cgactcagat gactaagacg caaattctgc agcaggcgag tacttctatc
 59 ctggcgagcagg cgaagcagtc accatctgca gctcttagct tgttgggcta a

62 <210> SEQ ID NO: 2

63 <211> LENGTH: 376

64 <212> TYPE: PRT

65 <213> ORGANISM: Vibrio vulnificus

67 <400> SEQUENCE: 2

68 Met Ala Ile Asn Val Asn Thr Asn Val Ser Ala Met Thr Ala Gln Arg

69 1 5 10 15

71 Tyr Leu Asn Gln Ala Ala Glu Gly Gln Gln Lys Ser Met Glu Arg Leu

72 20 25 30

pp 1, 3-4

*Does Not Comply
Corrected Diskette Needed*

*all nucleic
acid sequences exceed 72
characters*

(see item 2 on Error Summary Sheet)

60 ← at character
120 ←
180 ←
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1131

*see
1.823*

*of
Sequence Rules*

RAW SEQUENCE LISTING

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Input Set : A:\Q95704 sequence listing as filed.TXT

Output Set: N:\CRF4\07202006\J585880.raw

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75          35          40          45
77 Gln Ile Ser Asn Arg Leu Asn Ser Gln Ser Arg Gly Leu Asp Met Ala
78          50          55          60
80 Val Lys Asn Ala Asn Asp Gly Ile Ser Ile Ala Gln Thr Ala Glu Gly
81 65          70          75          80
83 Ala Met Thr Glu Thr Thr Asn Ile Leu Gln Arg Met Arg Asp Leu Ala
84          85          90          95
86 Leu Gln Ser Ser Asn Gly Ser Asn Ser Arg Ser Glu Arg Val Ala Ile
87          100          105          110
89 Gln Glu Glu Val Ser Ala Leu Asn Gln Glu Leu Asn Arg Ile Ala Glu
90          115          120          125
92 Thr Thr Ser Phe Gly Gly Asn Lys Leu Leu Asn Gly Thr Tyr Gly Ser
93          130          135          140
95 Gln Ser Phe Gln Ile Gly Ala Asp Ser Gly Glu Ala Val Met Leu Ser
96 145          150          155          160
98 Met Gly Asn Leu Arg Ser Asp Thr Asp Ala Met Gly Gly Leu Ser Tyr
99          165          170          175
101 Lys Ser Glu Glu Gly Val Gly Ala Asp Trp Arg Val Ser Asp Asn Thr
102          180          185          190
104 Asp Phe Thr Met Ser Tyr Val Asn Lys Gln Gly Glu Glu Lys Glu Ile
105          195          200          205
107 Thr Val Asn Ala Lys Ala Gly Asp Asp Leu Glu Glu Leu Ala Thr Tyr
108          210          215          220
110 Ile Asn Gly Gln Asn Asp Asp Val Lys Ala Ser Val Gly Glu Gly Gly
111 225          230          235          240
113 Lys Leu Gln Leu Phe Ala Ser Asn Gln Arg Val Glu Gly Glu Val Glu
114          245          250          255
116 Phe Gly Gly Gly Leu Ala Ser Glu Leu Asn Ile Gly Asp Gly Thr Lys
117          260          265          270
119 Thr Asn Val Ser Asn Ile Asp Val Thr Thr Val Ala Gly Ser Gln Glu
120          275          280          285
122 Ala Val Ala Ile Ile Asp Gly Ala Leu Lys Ser Val Asp Ser Glu Arg
123          290          295          300
125 Ala Ser Leu Gly Ala Phe Gln Asn Arg Phe Asn His Ala Ile Ser Asn
126 305          310          315          320
128 Leu Ser Asn Ile Asn Glu Asn Val Asn Ala Ser Ser Ser Arg Ile Lys
129          325          330          335
131 Asp Thr Asp Tyr Ala Lys Glu Thr Thr Gln Met Thr Lys Thr Gln Ile
132          340          345          350
134 Leu Gln Gln Ala Ser Thr Ser Ile Leu Ala Gln Ala Lys Gln Ser Pro
135          355          360          365
137 Ser Ala Ala Leu Ser Leu Leu Gly
138          370          375
141 <210> SEQ ID NO: 3
142 <211> LENGTH: 1133
143 <212> TYPE: DNA
144 <213> ORGANISM: Vibrio vulnificus
146 <400> SEQUENCE: 3

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RAW SEQUENCE LISTING

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DATE: 07/20/2006

TIME: 08:35:27

Input Set : A:\Q95704 sequence listing as filed.TXT

Output Set: N:\CRF4\07202006\J585880.raw

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147 atggcagtga atgtaaatac aaacgtagca gcaatgacag cacagcggtta cctgaataac
149 gcaaacagcg cacaacaaac ttcgatggag cgtctgtctt caggtttcaa aatcaacagt
151 gcaaaagatg acgcagccgg tctgcaaate tctaaccgct tgaacgtaca aagtcgagggt
153 ctagacgttg cggtagctaa cgccaacgac ggtatctcaa tcgcacaaac cgcagaagggt
155 gcgatgaacg agaccaccaa catcctacaa cgtatgcgtg acctatctct acaatccgcg
157 aacgggtcaa actcaaaatc agagcgcgtg gcgattcaag aagaagtgaac agcattgaat
159 gacgagctaa accgtattgc agaaaccacg tcttttggtg gtaacaagct gctaaacggt
161 acttacggca cgaaagcaat gcaaattggt gcggataacg gtgaagcgggt catgctttca
163 ctgaaagaca tgcgctctga caacgtgatg atgggaggcg tgagctacca agctgaagaa
165 ggcaaagaca agaactggaa tgtggccgca ggcgacaacg acttgacgat tgcactgaca
167 gacagctttg gtaacgagca agagatcgaa atcaacgcga aagcgggtga tgacatcgaa
169 gagctagcga cgtacatcaa cgggtcaaact gaccttgtaa aagcgtcagt ggggtgaaggc
171 ggcaagctac agatctttgc tggtaaacaac aaagttcaag gtgaaattgc tttctcaggt
173 agcctagctg gtgaacttgg cctaggcgaa ggcaaaaacg tcacggtaga cacgattgac
175 gtgacaaccg tacaaggtgc gcaagagtcg gtacgattg tggatgcggc actgaaatac
177 gtagacagcc accgtgcaga gctgggtgca ttccagaacc gtttcaacca tgcaatcagc
179 aacttgagca acatcaacga aaacgtgaac gcgtcgaaga gccgaatcaa agataccgac
181 ttgcgaaaag aaacgactca gttgaccaag acacaaattc tatcgcaagc atcaagttcc
183 attcttgctc aagcgaaaca agcgccaaac tcagcgctaa gtctactagg cta

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186 <210> SEQ ID NO: 4

187 <211> LENGTH: 375

188 <212> TYPE: PRT

189 <213> ORGANISM: Vibrio vulnificus

191 <400> SEQUENCE: 4

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193   1           5           10          15
195 Tyr Leu Asn Asn Ala Asn Ser Ala Gln Gln Thr Ser Met Glu Arg Leu
196           20           25           30
198 Ser Ser Gly Phe Lys Ile Asn Ser Ala Lys Asp Asp Ala Ala Gly Leu
199           35           40           45
201 Gln Ile Ser Asn Arg Leu Asn Val Gln Ser Arg Gly Leu Asp Val Ala
202           50           55           60
204 Val Arg Asn Ala Asn Asp Gly Ile Ser Ile Ala Gln Thr Ala Glu Gly
205           65           70           75           80
207 Ala Met Asn Glu Thr Thr Asn Ile Leu Gln Arg Met Arg Asp Leu Ser
208           85           90           95
210 Leu Gln Ser Ala Asn Gly Ser Asn Ser Lys Ser Glu Arg Val Ala Ile
211           100          105          110
213 Gln Glu Glu Val Thr Ala Leu Asn Asp Glu Leu Asn Arg Ile Ala Glu
214           115          120          125
216 Thr Thr Ser Phe Gly Gly Asn Lys Leu Leu Asn Gly Thr Tyr Gly Thr
217           130          135          140
219 Lys Ala Met Gln Ile Gly Ala Asp Asn Gly Glu Ala Val Met Leu Ser
220          145          150          155          160
222 Leu Lys Asp Met Arg Ser Asp Asn Val Met Met Gly Gly Val Ser Tyr
223           165          170          175
225 Gln Ala Glu Glu Gly Lys Asp Lys Asn Trp Asn Val Ala Ala Gly Asp
226           180          185          190
228 Asn Asp Leu Thr Ile Ala Leu Thr Asp Ser Phe Gly Asn Glu Gln Glu

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character
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RAW SEQUENCE LISTING

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TIME: 08:35:27

Input Set : A:\Q95704 sequence listing as filed.TXT

Output Set: N:\CRF4\07202006\J585880.raw

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229          195          200          205
231 Ile Glu Ile Asn Ala Lys Ala Gly Asp Asp Ile Glu Glu Leu Ala Thr
232          210          215          220
234 Tyr Ile Asn Gly Gln Thr Asp Leu Val Lys Ala Ser Val Gly Glu Gly
235 225          230          235          240
237 Gly Lys Leu Gln Ile Phe Ala Gly Asn Asn Lys Val Gln Gly Glu Ile
238          245          250          255
240 Ala Phe Ser Gly Ser Leu Ala Gly Glu Leu Gly Leu Gly Glu Gly Lys
241          260          265          270
243 Asn Val Thr Val Asp Thr Ile Asp Val Thr Thr Val Gln Gly Ala Gln
244          275          280          285
246 Glu Ser Val Ala Ile Val Asp Ala Ala Leu Lys Tyr Val Asp Ser His
247          290          295          300
249 Arg Ala Glu Leu Gly Ala Phe Gln Asn Arg Phe Asn His Ala Ile Ser
250 305          310          315          320
252 Asn Leu Asp Asn Ile Asn Glu Asn Val Asn Ala Ser Lys Ser Arg Ile
253          325          330          335
255 Lys Asp Thr Asp Phe Ala Lys Glu Thr Thr Gln Leu Thr Lys Thr Gln
256          340          345          350
258 Ile Leu Ser Gln Ala Ser Ser Ser Ile Leu Ala Gln Ala Lys Gln Ala
259          355          360          365
261 Pro Asn Ser Ala Leu Ser Leu
262          370          375
265 <210> SEQ ID NO: 5
266 <211> LENGTH: 1133
267 <212> TYPE: DNA
268 <213> ORGANISM: Vibrio vulnificus
270 <400> SEQUENCE: 5
271 gtggcgatca ccgttaatac caatgtggca gcacttgtcg cacagcgtca tttgaccagt
273 gcaaccgaca tgctgaatca atccttggag cgtttgcctt caggggaagcg tattaatagt
275 gcaaaagacg atgcggcagg gctgcaaatt tcgaatcgct ttcagtcgca aatgcgtggg
277 ttagatatcg cgggtcgaaa tgccaatgat ggcattctca ttatgcagac tgcggaagg
279 gcaatgaatg aaaccactaa tattctccaa aggatgcgtg atctttcatt gcaatccgcc
281 aatggttcca atagctatgc tgaaagaata gccttacaag aagaaatgac cgcgttaaat
283 gacgagttga accgtatcgc agaaaccacc tcgttcgggtg ggcgtaaatt gctcaatggt
285 tcctttggct cggctgcctt tcagataggg gcagcgtcag gtgaagcggg gcaagtgcaa
287 ctgaagtcga tgcgcagtga tggattgat atgggtggct tcagttacat tgcaaacgga
289 cgtgcccgtt ctgattggca agtaaaagag ggggcgaatg cgcttagcat gtcattcacg
291 aatcgttttg gtgaaacaga aacgatccaa attaatgcga aagccggcga tgatatcgaa
293 gagcttgcca cctacattaa tggtcagact gacaaagtca cggcatcggt gaatgaagaa
295 ggtcagctac agttgtttat ggccggcgaa gaaacctcag gaacgttatc gttttcagga
297 gacttagcca gtgaactcgg tttgcaacta aaagggttacg atgcggtgga taatatcgac
299 attacttctg tcggtggcgc tcaacaagca gtggctgtcc ttgataccgc gatgaaatac
301 gtcgatagtc atcgtgctga gctaggggca tatcaaaacc gcttcagcca tgcgattaat
303 aacctcgaca acatccacga aaacttggcg acatcaaaca gtcgcattca agatacagac
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310 <210> SEQ ID NO: 6
311 <211> LENGTH: 375

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} ends at 77

This error appears in subsequent sequences

RAW SEQUENCE LISTING

DATE: 07/20/2006

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Input Set : A:\Q95704 sequence listing as filed.TXT

Output Set: N:\CRF4\07202006\J585880.raw

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312 <212> TYPE: PRT
313 <213> ORGANISM: Vibrio vulnificus
315 <400> SEQUENCE: 6
316 Val Ala Ile Thr Val Asn Thr Asn Val Ala Ala Leu Val Ala Gln Arg
317   1           5           10           15
319 His Leu Thr Ser Ala Thr Asp Met Leu Asn Gln Ser Leu Glu Arg Leu
320           20           25           30
322 Ser Ser Gly Lys Arg Ile Asn Ser Ala Lys Asp Asp Ala Ala Gly Leu
323           35           40           45
325 Gln Ile Ser Asn Arg Leu Gln Ser Gln Met Arg Gly Leu Asp Ile Ala
326           50           55           60
328 Val Arg Asn Ala Asn Asp Gly Ile Ser Ile Met Gln Thr Ala Glu Gly
329   65           70           75           80
331 Ala Met Asn Glu Thr Thr Asn Ile Leu Gln Arg Met Arg Asp Leu Ser
332           85           90           95
334 Leu Gln Ser Ala Asn Gly Ser Asn Ser Tyr Ala Glu Arg Ile Ala Leu
335           100          105          110
337 Gln Glu Glu Met Thr Ala Leu Asn Asp Glu Leu Asn Arg Ile Ala Glu
338           115          120          125
340 Thr Thr Ser Phe Gly Gly Arg Lys Leu Leu Asn Gly Ser Phe Gly Ser
341           130          135          140
343 Ala Ala Phe Gln Ile Gly Ala Ala Ser Gly Glu Ala Val Gln Val Gln
344 145           150          155          160
346 Leu Lys Ser Met Arg Ser Asp Gly Ile Asp Met Gly Gly Phe Ser Tyr
347           165          170          175
349 Ile Ala Asn Gly Arg Ala Arg Ser Asp Trp Gln Val Lys Glu Gly Ala
350           180          185          190
352 Asn Ala Leu Ser Met Ser Phe Thr Asn Arg Phe Gly Glu Thr Glu Thr
353           195          200          205
355 Ile Gln Ile Asn Ala Lys Ala Gly Asp Asp Ile Glu Glu Leu Ala Thr
356           210          215          220
358 Tyr Ile Asn Gly Gln Thr Asp Lys Val Thr Ala Ser Val Asn Glu Glu
359 225           230          235          240
361 Gly Gln Leu Gln Leu Phe Met Ala Gly Glu Glu Thr Ser Gly Thr Leu
362           245          250          255
364 Ser Phe Ser Gly Asp Leu Ala Ser Glu Leu Gly Leu Gln Leu Lys Gly
365           260          265          270
367 Tyr Asp Ala Val Asp Asn Ile Asp Ile Thr Ser Val Gly Gly Ala Gln
368           275          280          285
370 Gln Ala Val Ala Val Leu Asp Thr Ala Met Lys Tyr Val Asp Ser His
371           290          295          300
373 Arg Ala Glu Leu Gly Ala Tyr Gln Asn Arg Phe Ser His Ala Ile Asn
374 305           310          315          320
376 Asn Leu Asp Asn Ile His Glu Asn Leu Ala Thr Ser Asn Ser Arg Ile
377           325          330          335
379 Gln Asp Thr Asp Tyr Ala Lys Glu Thr Thr Arg Met Val Lys Gln Gln
380           340          345          350
382 Ile Leu Gln Gln Val Ser Thr Ser Ile Leu Ala Gln Ala Lys Lys Gly
383           355          360          365

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/20/2006
PATENT APPLICATION: US/10/585,880 TIME: 08:35:28

Input Set : A:\Q95704 sequence listing as filed.TXT
Output Set: N:\CRF4\07202006\J585880.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; N Pos. 21,22,23,24,25,26,27,28,29,30

VERIFICATION SUMMARY

DATE: 07/20/2006

PATENT APPLICATION: US/10/585,880

TIME: 08:35:28

Input Set : A:\Q95704 sequence listing as filed.TXT

Output Set: N:\CRF4\07202006\J585880.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0